| POSITION                  | Secretal F         | ID NC. | DATE      |
|---------------------------|--------------------|--------|-----------|
| FEE DETERMINATION         | Manual Contraction |        | (7-38-61  |
| O.I.P.E. CLASSIFIER       |                    | 7      | 8-7-01    |
| FORMALITY REVIEW          | BM                 | 189    | (0-1/8-30 |
| RESPONSE FORMALITY REVIEW | 11/                | 17-12  | 12-04-0   |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
|   | Restricted                 | 0 | Objected     |

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| 16. | Q.               | 6            |          | Щ            | ,              | Ľ        |  |            |              |          |          | Н            |   | <u> </u> | ļ |
| 17. | ₹                | 7<br>8       |          | -            | Ή              | ⊢        | <u> </u>   | _          | H            | Н        | -        | Н            |   | _        | ł |
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| 2)  | <del>  </del>    | 10           | 3        | Ħ            | +              | <u> </u> | $\vdash$   |            | $\vdash$     | _        | Н        | П            |   |          | İ |
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| ~ 7 | 14               | 74           | П        | T            | Ŀ              |          |  |            |              |          |          |              |   |          | I |
| 5   | 18               | 15           | <u> </u> |              | 1              |          |  |            |              |          |          |              |   | L        | 1 |
| 7   | 11               | 16           | Ш        | Щ            | 1              | L        | ļ  | _          | _            | L.       | _        |              |   | L        | ļ |
| 8   | 13               | 17           | Ц        | Щ            | 1              | L        | ├-   | <u> </u>   | $\vdash$     |          | _        | _            |   | ⊢        | ł |
| 6   | Ж                | 18           |          | 4-           | ╀              | ⊢        | ⊢  | -          | ├—           | $\vdash$ | $\vdash$ | _            |   | ┝        | ł |
| 9   | 4                | 19<br>20     | 7        | 4            | ₽              | K        | ⊢  | -          | -            |          | ŀ        | -            |   |          | ļ |
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| • 1 | D.               | 23           | ┝        | ç            | Y              | ⊢        | $\vdash$   | ┢          | -            | -        |          | $\vdash$     |   | H        | ł |
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|     |                  | 25           |          |              |                | Г        | 1  |            |              |          |          |              |   |          | 1 |
| ,   |                  | 26           |          |              |                |          |  |            |              |          |          |              |   |          |   |
|     |                  | 27           |          |              |                |          |  |            |              |          |          | L            |   | _        | 1 |
| •   | L                | 28           | <u> </u> | oxdot        | L              | <u> </u> | L  | lacksquare | _            | L        | _        | _            |   | ┡        | 4 |
|     | L                | 29           | <u> </u> |              | _              | ┡        | ļ  |            | <u> </u>     | _        | L        | <u> </u>     | Ì | -        | 1 |
| •   | 厂                | 30<br>31     | <u> </u> | _            | ,              | ┝        | ⊢  | -          | <del> </del> | H        | H        | ┝            |   | -        | 1 |
|     | $\vdash$         | 32           | ├        | ┝            | <del> </del>   | ⊢        | ┢  | $\vdash$   | ⊢            |          | H        | $\vdash$     |   | ⊢        | 1 |
| . • | $\vdash$         | 33           | _        | <u>}:</u> —  | -              | +        | $\vdash$   | $\vdash$   | $\vdash$     | -        | -        | <del> </del> |   | $\vdash$ | 1 |
|     | ì-               | 34           | $\vdash$ |              |                | 1        | 十  | -          | Н            | $\vdash$ | H        | <del> </del> |   | $\vdash$ | 1 |
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|     |                  | 37           |          |              |                |          |  |            |              |          |          |              |   |          |   |
|     |                  | 7,8          |          | L            | L              | $\perp$  |  | L          | L            | L        | _        | _            |   | L        | 1 |
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|     | $\vdash$         | 40           |          | <del> </del> | _              | L        | ļ.   | L          | _            |          |          | ļ.,          |   | L        | 4 |
|     | <u> -</u>        | 41           | _        | <b> </b>     | $\vdash$       | 1        | ┞  | _          | $\vdash$     | <u> </u> |          | <u> </u>     |   | L        | 4 |
|     | -                | 42           | -        | Ļ            | $\vdash$       | ╀        | -  | -          | ⊢            | <u> </u> | -        | -            |   | -        | 4 |
|     | F                | 43           |          |              | <del>]</del> - | Ļ        | $\vdash$   | -          | $\vdash$     | -        | -        | -            |   | $\vdash$ | 1 |
|     | -                |              |          | 12           | -              | ╁        | $\vdash$   | -          | ├            | $\vdash$ | $\vdash$ | ┝            |   | $\vdash$ | 1 |
|     | $\vdash$         | 46           | 1        | $\vdash$     | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     |   | $\vdash$ | 1 |
|     | $\vdash$         | 47           |          | T            | Т              | T        | T  | T          | T            | T        | T        | T            | İ | $\vdash$ | 1 |
|     | $\vdash$         | 48           |          | Т            | Г              | T        | T  | Τ          | T            |          | T        | Τ            |   |          | 1 |
|     |                  | 49           |          |              |                |          |  |            |              |          |          |              |   |          |   |
|     |                  | 53           | Ĺ.       |              |                |          |  | Ĺ          |              | L        | 匚        | 匚            |   |          |   |
|     |                  |              |          |              |                |          |  |            |              |          |          |              |   |          |   |

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| Final | Original |          |              |          |          |              |  |          |                     |          |          |  |  |  |
| _     | 51       |          | $\dashv$     | -        | -        | $\equiv$     | $\dashv$   |          | $\dashv$            |          |          |  |  |  |
|       | 52       | -        | $\dashv$     | -        | -        |              |  |          | $\neg$              | $\dashv$ | _        |  |  |  |
| _     | 53       | -        | $\dashv$     |          | _        |              | -  |          |                     | $\dashv$ | _        |  |  |  |
|       | 54       | $\dashv$ |              | _        |          | $\vdash$     | -  | -        | -                   | H        |          |  |  |  |
|       | 55       |          | $\dashv$     | =        | _        | -            | $\vdash$   | -        | -                   | $\dashv$ | _        |  |  |  |
|       | 56       |          | -            |          |          |              |  |          | -                   |          |          |  |  |  |
| _     | 57       | Н        | _            | -        | $\vdash$ |              | $\vdash$   | -        |                     |          | _        |  |  |  |
| _     | 58       | $\vdash$ | _            | -        | -        | $\vdash$     |  | -        | -                   |          | -        |  |  |  |
|       | 59       | $\dashv$ |              |          |          | ⊢            | -  | -        | $\vdash$            | $\vdash$ |          |  |  |  |
| _     | -        | -        |              |          |          | $\vdash$     |  |          |                     | Н        |          |  |  |  |
|       | 60<br>61 |          | -            | _        | _        | -            | =  | -        |                     | Н        |          |  |  |  |
| _     |          | $\dashv$ |              |          |          | -            | $\dashv$   |          |                     |          |          |  |  |  |
|       | 62       |          |              |          | _        |              | -  |          |                     |          | _        |  |  |  |
|       | 63       |          | _            | _        | _        | H            |  |          |                     |          |          |  |  |  |
|       | 64       | Щ        |              |          |          |              | _  |          |                     |          |          |  |  |  |
|       | 65       | Ш        |              |          | Ш        | _            |  |          |                     |          |          |  |  |  |
|       | 66       | Щ        |              |          |          |              |  |          |                     |          |          |  |  |  |
|       | 67       | Ш        |              |          |          |              |  |          |                     |          |          |  |  |  |
|       | 68       |          |              | L.       | _        |              |  |          |                     |          | L.       |  |  |  |
|       | 69       |          |              | L        | L        |              |  |          |                     |          | L        |  |  |  |
|       | 70       |          |              |          |          |              |  |          |                     |          |          |  |  |  |
|       | 71       |          |              |          |          |              |  |          |                     |          |          |  |  |  |
|       | 72       |          |              |          | Г        |              |  |          |                     |          |          |  |  |  |
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|       | 74       |          |              |          |          |              |  |          |                     | П        | Г        |  |  |  |
|       | 75       |          |              |          |          |              | Г  |          |                     | Г        | Г        |  |  |  |
| _     | 76       |          |              |          | _        |              |  |          |                     |          | _        |  |  |  |
| _     | 77       | -        |              |          | _        |              |  |          |                     |          | -        |  |  |  |
|       | 78       |          |              | Т        |          | Г            |  |          |                     | T        | Т        |  |  |  |
| _     | 79       |          |              | ┢─       |          |              | Г  | _        |                     | $\vdash$ | Г        |  |  |  |
|       | 80       | Н        |              |          | <u> </u> |              |  |          |                     |          | $\vdash$ |  |  |  |
|       | 81       | Н        | -            | ┢        |          | $\vdash$     |  |          | $\vdash$            | -        | ┢        |  |  |  |
|       | 82       |          | _            | $\vdash$ | H        |              | <del>                                     </del> |          | $\vdash$            |          | $\vdash$ |  |  |  |
| _     | 83       | H        |              | $\vdash$ | $\vdash$ | $\vdash$     | -  | $\vdash$ | $\vdash$            |          | Н        |  |  |  |
|       | 84       | Н        | H            | -        | -        | ╁            |  | ┢        | ┝                   | -        | $\vdash$ |  |  |  |
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|       | 86       |          |              | $\vdash$ | -        | ╁            |  | ┢        | -                   | -        | _        |  |  |  |
|       | 87       |          |              | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$ | <u> </u>            |          |          |  |  |  |
| _     | 88       | ⊢        |              |          | $\vdash$ | ⊢            | ⊢  | -        | ┝                   |          |          |  |  |  |
| -     | 89       | $\vdash$ | -            |          |          | $\vdash$     |  | $\vdash$ | -                   | -        | $\vdash$ |  |  |  |
| -     | 90       | -        | -            |          |          | 1            |  | $\vdash$ | $\vdash$            | -        | $\vdash$ |  |  |  |
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|       | 91       | <u> </u> | <u> </u>     | <u> </u> | _        | <u> </u>     | _  | <u> </u> | $\vdash$            | <u> </u> | L        |  |  |  |
| _     | 92       | -        | _            | <u> </u> | -        | l            | <u> </u>   | <u> </u> | <u> </u>            | <u> </u> | <u> </u> |  |  |  |
|       | 93       | -        | $\vdash$     | _        | <u> </u> | <b>!</b>     | <b> </b> _                                       | _        | <u> </u>            | _        | <u> </u> |  |  |  |
|       | 94       | _        | oxdot        | L        | <u> </u> | _            | <u> </u>   | <u> </u> | $oxdapsymbol{oxed}$ | L        | _        |  |  |  |
|       | 95       | -        | $oxed{oxed}$ | L.       | <u> </u> | $oxed{oxed}$ |  | _        | _                   | L        | L        |  |  |  |
|       | 96       | L        |              | L        |          | _            | _  | <u> </u> | _                   | L        | L        |  |  |  |
|       | 97       |          | L            | L        |          |              | _  | _        | _                   |          | L        |  |  |  |
|       | 98       | L        | L            | L        |          | _            | _  | <u>_</u> | <u> </u>            |          | L        |  |  |  |
|       | 99       | L        |              | Ĺ        | L        | L            |  | _        | L                   |          | _        |  |  |  |
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|          | 107        |          |          |          |          |          |          |          | _        |          |          |
|          | 108        |          |          |          | _        |          | $\perp$  |          |          |          |          |
|          | 109        |          |          |          |          |          | _        | _        |          | _        |          |
|          | 110        |          | Н        |          | _        |          | -        |          |          |          | _        |
|          | 111<br>112 |          |          |          |          | _        | $\dashv$ | _        | -        |          |          |
|          | 113        | H        | Н        |          | -        | -        | $\dashv$ | -        | _        |          |          |
|          | 114        | -        |          | -        |          |          |          |          |          | _        |          |
| -        | 115        | $\vdash$ | Н        |          |          |          |          |          | H        |          | Н        |
| -        | 116        |          | Н        |          | -        | -        | -        |          |          |          |          |
|          | 117        | $\vdash$ | Н        |          |          |          |          | _        |          |          |          |
|          | 118        | $\vdash$ |          |          |          |          |          |          |          |          |          |
|          | 119        |          |          | _        |          |          |          |          |          |          | _        |
|          | 120        |          |          | _        |          |          |          |          |          | _        |          |
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|          | 122        | Г        |          |          | Г        | П        |          |          |          |          |          |
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|          | 125        | —        |          |          |          |          |          |          |          |          |          |
|          | 126        | L        |          |          | _        |          | Ш        | ш        | _        |          |          |
| _        | 127        |          | Ш        |          |          | L_       |          |          |          |          |          |
| _        | 128        | -        |          |          |          | _        | _        |          |          | _        |          |
|          | 129        |          | <u> </u> |          |          | _        | _        |          | _        |          |          |
| _        | 130        |          | <u> </u> | _        |          | -        |          |          | _        |          | _        |
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| -        | 133        | _        | H        |          |          |          | -        | $\vdash$ | $\vdash$ |          | H        |
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| H        | 136        | _        |          | -        |          |          | $\vdash$ | -        | -        | -        |          |
| Т        | 137        | T        |          | $\vdash$ |          |          |          | $\vdash$ | $\vdash$ | _        |          |
|          | 138        |          |          |          |          |          |          |          |          |          |          |
|          | 139        |          |          |          |          |          |          |          |          |          |          |
|          | 140        |          |          |          |          |          |          |          |          |          | _        |
| Γ        | 141        |          | Г        |          |          |          |          |          |          |          |          |
|          | 142        |          |          |          |          |          |          |          |          |          |          |
|          | 143        | -        |          |          |          |          |          |          |          |          |          |
|          | 144        |          | L        | Ĺ        |          |          | L        |          |          | _        | _        |
| Ĺ        | 145        |          |          | $\Box$   |          |          | L_       | L        |          | Ĺ        | _        |
|          | 146        |          | _        |          | L        | L        |          | <u> </u> | <u> </u> | _        |          |
| <u> </u> | 147        |          |          | <u>L</u> | L        |          | _        | <u> </u> | _        | $\vdash$ |          |
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